

# ASSIGNMENT 5

Textbook Assignment: “Aircraft Logbooks” and “Aircraft Inventory Reporting System (AIRS).” Pages 6-1 through 7-23.

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- 5-1. A purpose of the aircraft logbook is to record which of the following maintenance actions performed on aircraft?
1. Oil changes and aircraft washes
  2. Corrosion inspections and minor corrosion treatments
  3. Tire and wheel changes
  4. Modifications and major repairs
- 5-2. If your squadron receives an aircraft logbook with questionable entries, what course of action should your activity take?
1. Refuse to accept the logbook
  2. Research the discrepancies and, after receipt of correspondence from the transferring activity specifying the course of action, make the appropriate corrections
  3. Correct the entries by using data from a similar aircraft logbook
  4. Defer action for standard depot-level maintenance (SDLM) action
- 5-3. What manufacturer or representative is responsible for initiating an aircraft logbook when the aircraft is accepted at a contractor's plant?
1. The manufacturer of the airframe
  2. The manufacturer of all the components of the aircraft
  3. Either the manufacturer of the airframe or the manufacturer of all the components, depending on where the aircraft was assembled
  4. The naval plant representative at the contractor's plant
- 5-4. Aircraft logbooks are kept in the maintenance control office. At the organizational-level, what officer is responsible for maintaining aircraft logs and records?
1. The quality assurance officer (QAO)
  2. The assistant maintenance officer (AMO)
  3. The maintenance material control officer (MMCO)
  4. The production control officer (PCO)
- 5-5. An aircraft is transferred to another reporting custodian. What should be the disposition of the aircraft logs and record?
1. The logs and records should accompany the aircraft
  2. The logs and records should be forwarded to the National Records Center
  3. The logs and records should be maintained on file for 1 year, and then forwarded to the National Records Center
  4. The logs and records should be forwarded to the central repository at the Commander Naval Air Systems Command (COMNAVAIRSYSCOM)
- 5-6. When a ferry pilot is involved in an aircraft transfer, which of the following actions is the ferry pilot's responsibility?
1. Inventorying the aircraft
  2. Providing ferry flight time to the accepting activity
  3. Closing out the logbook
  4. Performing a phase inspection on the aircraft before delivery

- 5-7. Which of the following administrative records are transferred with an aircraft?
1. Weight and balance records only
  2. Aircraft discrepancy book (ADB) only
  3. Aircraft inspection and general files only
  4. Weight and balance records, aircraft discrepancy book (ADB), and aircraft inspection and general files
- 5-8. Upon sale or transfer of aircraft, what is the disposition of classified information in the logbook?
1. The information is forwarded to the National Records Center
  2. The information is transferred with the aircraft
  3. The information is removed from the records or cleared for release through the appropriate channels before transfer
  4. Logs and records with the information are retained for 1 year, and then disposed of locally
- 5-9. Which of the following sources should be used to reconstruct aircraft logbooks that are lost or destroyed?
1. Aircraft general files only
  2. OPNAV XRAY files and engine transaction reports (ETRs) only
  3. Records from the aircraft manufacturer only
  4. Aircraft general files, OPNAV XRAY files, and engine transaction report (ETR) files, and records from the aircraft manufacturer
- 5-10. A squadron's aircraft maintenance officer may designate certain personnel authorization to sign aircraft logbooks. Which of the following is a policy concerning this designation?
1. The designation must be approved by the commanding officer
  2. The person designated should be a commissioned officer
  3. The designation must be in writing with final approval resting with the commanding officer
  4. The designation is in writing by the maintenance material control officer (MMCO)
- 5-11. What is the purpose of the manila envelope pasted inside the back binder cover of the aircraft logbook?
1. To store all ASR, EHR, and MSR items applicable to the aircraft
  2. To store a list of authorized weight and balance personnel
  3. To hold data that should be included in the aircraft's history, but for which there is no designated space in the logbook
  4. To hold copies of the most recently completed naval aircraft flight records
- 5-12. What is the purpose of the Structural Life Limits record?
1. To maintain a current record of structural life-limited components designated for depot-level replacement
  2. To maintain a record of structural stress limits on the airframe that would require special rework
  3. To provide a history of structural damage to the aircraft
  4. To provide a list of items replaced due to structural damage

- 5-13. Part I of the Monthly Flight Summary form should only be completed by what persons or activities?
1. Squadrons
  2. Appropriate fleet support activities
  3. Squadrons' logs and records clerks
  4. MOs of squadrons
- 5-14. On what record in the aircraft logbook can the current service period that the aircraft is in be found?
1. Inspection Record
  2. Repair/Rework record
  3. Monthly Flight Summary record
  4. Miscellaneous/History record
- 5-15. Which of the following is an acceptable method for making entries on the Monthly Flight Summary record?
1. Temporary entries should be made in pencil or typewritten
  2. Temporary entries may be made with a felt-tipped pen or a grease pencil
  3. Permanent entries may be made in ink or typewritten
  4. Permanent entries may be made with a felt-tipped pen or typewritten
- 5-16. On what aircraft logbook record, if any, should engine washes, postflight and preflight inspections, and oil sampling be logged?
1. The Periodic Inspection Record
  2. The Conditional Inspection Record
  3. The Calendar Inspection Record
  4. None
- 5-17. A squadron aircraft is converted from a "B" model to a "C" model. On which of the following records should this conversion be recorded?
1. Inspection Record
  2. Inventory Record
  3. Assembly Service Record
  4. Repair/Rework Record
- 5-18. Technical Directive Status Accounting (TDSA) List 02 is a record of technical directives (TDs) applicable to an specific aircraft and is reported in what status?
1. Not in stock
  2. Not applicable
  3. Not incorporated
  4. Not installed
- 5-19. Which of the following types of TDs make up TDSA Lists 02 and 04?
1. Airframe changes only
  2. Airframe bulletins only
  3. Airframe changes and airframe bulletins
  4. Airframe notices and airframe bulletins
- 5-20. When TDSA List 02 is annotated, what Status code should be entered next to the SER column to indicate the TD has been completely incorporated?
1. C
  2. K
  3. R
  4. U
- 5-21. When a TD is removed, an entry is required on which of the following records?
1. Repair/Rework Record
  2. Miscellaneous/History Record
  3. Inspection Record
  4. Inventory Record

- 5-22. What publication contains detailed information on the TDSA system?
1. NAVAIR 00-25-100
  2. NAVAIR 00-25DRT-1
  3. NAVAIR 00-25-300
  4. NAVAIR 00-25-500
- 5-23. Which of the following records requires a signature with each entry?
1. Miscellaneous/History Record
  2. Equipment History Record
  3. Installed Explosive Device Record
  4. Inventory Record
- 5-24. When an aircraft is accepted or transferred, a specific statement is entered on the Miscellaneous/ History record stating that which of the following situations exist?
1. Flight hours and operating hours have been verified
  2. All integral parts of the aircraft are accounted for
  3. Maximum flight hour and operating hour limitations have not been exceeded
  4. All outstanding inspections have been completed
- 5-25. What automated database management system is used to process, store, and retrieve information on cartridge-actuated devices (CADS) and aircrew escape propulsion systems (AEPS)?
1. SEATS/ICAPS
  2. ECAMS
  3. CTLP
  4. AIRS
- 5-26. Which of the following forms found in aircraft logbook are generated through the SEATS/ICAP program?
1. Structural life Limits
  2. Technical Directive Lists 02 and 04
  3. Miscellaneous/History
  4. Installed Explosive Device Record
- 5-27. An entry in the aircraft logbook Inventory Record is required for which of the following actions?
1. An aircraft engine reinstallation
  2. A propeller installation
  3. An EHR card component installation on the airframe
  4. An auxiliary power unit (APU) removal
- 5-28. Equipment requiring ASR, EHR, MSR, and SRC cards are listed on the Inventory Record and should be inventoried during which of the following inspections?
1. Daily inspections
  2. Conditional inspections
  3. Phase inspections
  4. Preoperational inspections
- 5-29. Replacement intervals for Assembly Service Record (ASR) items can be found in the latest edition of what applicable publication?
1. Maintenance Requirements Cards (MRCs)
  2. Periodic Maintenance Information Cards (PMICs)
  3. Maintenance Instruction Manuals (MIMs)
  4. Illustrated Parts Breakdowns (IPBs)

- 5-30. Which of the following is a procedure for maintaining Equipment History Record (EHR) cards?
1. A new EHR card is initiated and the old card destroyed when a card has no space remaining for further entries
  2. EHR cards and SRC cards should always be tracked together
  3. When a new EHR card is initiated, forward a copy of the new card to the maintenance engineering cognizant field activity (MECFA)
  4. Upon an aircraft's transfer, EHR cards are removed from the logbook and forwarded to the central repository
- 5-31. When an SRC card component is removed from the aircraft, what should be the disposition of the SRC card?
1. The card should be forwarded to the central repository at NADEP
  2. The card should accompany the component
  3. The card should be forwarded to the National Records Center
  4. The card should be filed, and a new card initiated
- 5-32. If an SRC card is lost or destroyed, from what source should you get the necessary data to initiate a new card?
1. NAVAIR
  2. NAVFAC
  3. NADEP
  4. ATCM at COMNAVAIRSYSCOM
- 5-33. What automated database management system provides users with a accurate means to process, store, and retrieve information on Aviation Life Support Systems (ALSS)?
1. AIRS
  2. ECAMS
  3. CTPL
  4. SEATS
- 5-34. What is the disposition of the hardback copy of the Parachute Record when the parachute is installed in an aircraft?
1. The record is maintained under the seat of the aircraft in which it is installed
  2. The record is maintained in the manila envelope in the inside cover of the logbook binder
  3. The record is maintained in the aircraft logbook
  4. The record is attached to and accompanies the parachute
- 5-35. When components of the Seat Survival Kit are removed for inspection at the local intermediate maintenance activity (IMA), what copy or copies of the Seat Survival Kit Records should accompany the equipment?
1. The hardback copy only
  2. The original copy only
  3. The original or hardback copy, depending on whether the equipment is being repaired or inspected
  4. The original and hardback copy

- 5-36. When you replace an old Aircrew Systems Record with a new record, which of the following actions should you take with regard to the old record?
1. Transcribe applicable data from the old record to the new record
  2. Place the old record in the manila envelope in the back of the logbook
  3. Staple the old record to the new record
  4. Retain the old record in the aircraft files of 6 months
- 5-37. The copy of the maintenance action form (MAF) that is placed under the Aircrew Personal Equipment Record is retained for at least how long after the MAF is processed?
1. 12 months
  2. 6 months
  3. 3 months
  4. 1 month
- 5-38. What form or record is used to maintain a continuous chain of accountability of specific equipment designated for use on an aircraft?
1. Equipment Master List
  2. Equipment Master Roster
  3. Aircraft Inventory Record
  4. Aircraft Equipment Record
- 5-39. Of the following items, which ones should be included on the Aircraft Inventory Record?
1. Life rafts only
  2. Life rafts and portable fire extinguishers only
  3. Portable fire extinguishers and first aid kits only
  4. Life rafts, portable fire extinguishers, and first aid kits
- 5-40. When a ferry pilot who is not attached to either the transferring or accepting activity is involved in an aircraft transfer, the ferry pilot is specifically responsible for what inventory items?
1. Loose items for which no storage is available
  2. Pilferable items and classified items
  3. Rigidly fixed items
  4. Items that are an integral part of the aircraft
- 5-41. An aircraft is scheduled to be transferred from one squadron to another for operational service. The transferring activity discovers missing inventory items they can neither locate nor supply. Which of the following actions should be taken by the transferring activity with regard to the missing items?
1. Transfer the aircraft without any special notation on the aircraft inventory records about the items
  2. Obtain authorization from the cognizant controlling custodian to transfer the aircraft without the items
  3. Make the necessary entries for the items on the aircraft logbook Inventory Record and transfer the aircraft
  4. Notify the receiving squadron about the items and transfer the aircraft
- 5-42. Which of the following situations requires that an aircraft be weighed?
1. A phase inspection is completed
  2. The recorded weight and balance is suspected of being in error
  3. The weight and balance clerk (AZ) is transferred to another squadron
  4. The weight and balance officer is transferred to another activity

- 5-43. The Aircraft Inventory Reporting System (AIRS) provides instructions for reporting which of the following items of information concerning naval aircraft?
1. Tire and wheel changes
  2. Hydraulic contamination tests
  3. Readiness, use, and logistics
  4. Special inspections
- 5-44. Your squadron receives an aircraft from another operating squadron. What means should be used to report the receipt of this aircraft?
1. Engine Transaction Report (ETR)
  2. Aircraft Discrepancy Report
  3. Aircraft Accounting Audit Report
  4. OPNAV XRAY report
- 5-45. In addition to items A through E, what items of information are required on all OPNAV XRAYs except Part I, change of location XRAYs?
1. V only
  2. Remarks only
  3. F and Remarks only
  4. F, V, and Remark
- 5-46. What "INFO" addressee is mandatory on all OPNAV XRAY reports?
1. NATEC
  2. NADEP
  3. NAVAVNDEPOT
  4. COMNAVAIRSYSCOM
- 5-47. The subject line of OPNAV XRAY reports consists of five items of information. What two items remain the same for all OPNAV XRAY reports submitted?
1. Controlling custodian and serial number
  2. The word "XRAY" and the report symbol "5442-1"
  3. The controlling custodian and the report symbol "5442-1"
  4. The controlling custodian and reporting custodian
- 5-48. Which of the following is a policy concerning the assignment of aircraft bureau numbers (BUNOs)?
1. NAVAIR may assign the same BUNO to more than one airframe
  2. A BUNO must consist of six digits with a hyphen after the first number
  3. CNO assigns a BUNO
  4. The activity that physically accepts the aircraft assigns the BUNO
- 5-49. What date should be reported in item C of the OPNAV XRAY Report?
1. The date the action occurred
  2. The date the report was drafted
  3. The date the report was submitted
  4. The date the report was released
- 5-50. What OPNAV XRAY Action code indicates receipt of an aircraft at the start of an operating period?
1. A
  2. F
  3. G
  4. R

- 5-51. What OPNAV XRAY Action code indicates an aircraft undergoing conversion for a model designation change?
1. A
  2. G
  3. R
  4. M
- 5-52. What OPNAV XRAY Action code is used to report aircraft change of location?
1. A
  2. F
  3. G
  4. L
- 5-53. What OPNAV XRAY Status code should be used to describe an operating combat aircraft undergoing repair by a depot facility at the squadron site?
1. G40
  2. G30
  3. A10
  4. A12
- 5-54. What OPNAV XRAY Status code should be used to describe an aircraft undergoing conversion (special rework) at a depot facility?
1. G41
  2. G40
  3. G30
  4. G10
- 5-55. What OPNAV XRAY Status code should be used to describe an aircraft en route to special rework by surface transport for modernization?
1. FBO
  2. FCO
  3. IDO
  4. ICO
- 5-56. What OPNAV XRAY Status code should be used to describe an aircraft stricken due to depreciation?
1. 1SO
  2. 2SO
  3. 3SO
  4. 4SO
- 5-57. An aircraft with an operating period of 24 months is received into an operating command in July 1997. What should be the predicted period end date (PED) of this aircraft?
1. June 1999
  2. July 1999
  3. June 2000
  4. July 2000
- 5-58. An aircraft incurs substantial damage by bird strike during a unit training mission. A depot maintenance activity will repair the aircraft. What Strike and Damage code should be used on the OPNAV XRAY to report this action?
1. 5A1C
  2. 51AC
  3. 5AAC
  4. 54AC
- 5-59. A squadron aircraft is damaged by a tow tractor while the aircraft is being towed. The squadron will perform the necessary repair actions to return the aircraft to service. What Strike and Damage code should be used on the OPNAV XRAY to report this action?
1. 51KA
  2. 51RI
  3. 54RA
  4. 54KA



- 5-60. Under which of the following conditions should item O be included on an OPNAV XRAY Report?
1. An aircraft is being transferred from one activity to another
  2. A previously submitted OPNAV XRAY Report is being corrected or deleted
  3. An inservice OPNAV XRAY Report is being identified
  4. Damage is being reported
- 5-61. Which of the following is an OPNAV XRAY Report correction procedure?
1. The first action on the report is reported exactly as the previously submitted incorrect report, with exception of the word "CORRECT" in item Z
  2. The second action on the report correctly reports the action with the word "DELETE" in item Z
  3. Reports with errors in the action or info addressees require no correction
  4. Reports with error in the Subject line or Remarks section are corrected by submitting a message referencing the original XRAY report date-time group (DTG), serial number, and corrective action
- 5-62. What card provides a local history of naval aircraft to reporting custodians?
1. The Aircraft Inventory Record card
  2. The Aircraft Record "A" card
  3. The Aircraft Engine Record card
  4. The Scheduled Removal Component card
- 5-63. What should be the disposition of the Aircraft Record "A" card after an aircraft is transferred?
1. After the data is recorded and transcribed to the appropriate reporting forms, the card should be destroyed locally
  2. After the data is recorded and transcribed to a new form, the card should be forwarded to the central repository
  3. The card should be maintained on file by the transferring activity for 12 months, and then disposed of locally
  4. The card should be kept on file for a period of 6 months, and then sent to the new custodian of the aircraft
- 5-64. Refer to figures 7-4 and 7-5 in your text. What data is recorded on the Aircraft Record "A" card?
1. The types and monthly totals of the aircraft's landings
  2. The total mission requirements codes for each flight of the aircraft
  3. Discrepancies that caused the aircraft to be grounded for a period of 24 hours or more
  4. Non-aging time
- 5-65. When initiating an Aircraft Record "A" card, on what record should you find the current aircraft service period of the aircraft?
1. The Monthly Flight Summary
  2. The Miscellaneous/History Record
  3. The Equipment Operating Record
  4. The Preservation/Depreservation Record

5-66. Aircraft Accounting Audit Reports provide update of the CNO data banks for aircraft management. At what intervals should these reports be submitted?

1. Monthly
2. Quarterly
3. Annually
4. Semiannually